

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(API-03-15-US)**

In Re Application of: )  
                        )  
                        )  
Jungbluth, et al      ) Examiner: TBD  
                        )  
Serial No.: 10/579,655 )  
                        )  
                        ) Group Art Unit: TBD  
I.A. Filing Date: 11/18/2004 )  
                        )  
Title: **METHODS FOR PURIFYING PERTUSSIS** )  
      **TOXIN AND PEPTIDES USEFUL**      )  
      **THEREFOR**                            )  
                        )  
                        )

Mail Stop Sequence  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
*Submitted via EFS-Web*

**Response to Notice dated June 23, 2010**

This is a response to the Notice dated June 23, 2010. A three-month extension of time to respond is required and is hereby requested. Attached herewith are both computer-readable and paper (.pdf) copies of the sequence listing. Applicants believe all fees have been paid and that no additional petitions and / or requests are due with this submission. If this is in error, Applicants hereby make any additionally required petitions and / or requests and authorize the Commissioner to deduct any additionally required fees from Deposit Account No. 50-0244.

Amendments to the Specification begins on page 2 of this response.

Remarks and Conclusions are found on page 3 of this response.

**AMENDMENTS TO THE SPECIFICATION**

Please amend the specification by deleting the previously filed sequence listing, inserting the attached sequence listing into the application following page 43 and renumbering the remaining pages accordingly.

### REMARKS

Reconsideration of this application, as amended, is respectfully requested. The specification has been amended to insert the Sequence Listing. These amendments do not add any new matter and are supported by the application as originally filed. Applicants reserve the right to reincorporate any cancelled or otherwise presently unclaimed subject matter in this application as appropriate or to prosecute the same in subsequently filed applications. Consideration and entry of this amendment is respectfully requested.

### Sequence Listing

A new Sequence Listing is attached hereto in both paper and computer-readable form. The undersigned representative hereby declares that the content of the paper and computer readable copies of the Sequence Listing submitted herewith are identical in content and do not contain new matter.

### CONCLUSIONS

Applicants believe the claims are in condition for allowance and respectfully request that a Notice of Allowance be issued as soon as possible. The Examiner is encouraged to contact the undersigned with any comments and / or questions.

Respectfully submitted,

Date: October 25, 2010

/Patrick J. Halloran/

Patrick J. Halloran

Reg. No. 41,053

Patrick J. Halloran, Ph.D., J.D.  
3141 Muirfield Road  
Center Valley, PA 18034  
Tel: 610-984-4751  
Fax: 484-214-0164  
e-mail: pat@pathalloran.com